

7 first dry step;
8 a second print step for printing a second photosensitive substance that includes a mixture
9 of a second metal, a photosensitive resin, and a solvent to form a second layer on the first layer;
10 a second dry step for drying the second layer;
11 a second exposure step for exposing the second layer after the second dry step;
12 a development step for developing the whole of the first and the second layers; and
13 a baking step for baking the electrode pattern to shape the metal electrode.

B1

1 2. (Amended) A manufacturing method for a metal electrode whose structure consists of
2 multiple layers of one or more types of metal, comprising:
3 a first print step for printing a first photosensitive substance that includes a mixture of a
4 first metal, a photosensitive resin, and a solvent to form a first layer;
5 a first dry step for drying the first layer to form unevenly heated regions;
6 a second print step for printing a second photosensitive substance that includes a mixture
7 of a second metal, a photosensitive resin, and a solvent to form a second layer on the first layer;
8 a second dry step for drying the second layer;
9 an exposure step for exposing the whole of the first and the second layers after the second
10 dry step;
11 a development step for developing the whole of the first and the second layers after the
12 exposure step; and
13 a baking step for baking the electrode pattern to shape the metal electrode.

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1 4. (Amended) The manufacturing methods for the metal electrodes according to Claim 3,
2 wherein

3 in each of the second dry steps, the first layer and the second layer are dried with a
B2 4 member having impermeability to the solvent being arranged on the surface of a region having a
5 high solvent content.

1 7. (Amended) A manufacturing method for a metal electrode, comprising:
2 a print step for printing a photosensitive substance that includes a mixture of a metal, a
3 photosensitive resin, and a solvent to form a layer;
4 a dry step for drying the layer;
B3 5 an exposure step for exposing the layer in a predetermined pattern;
6 a development step for developing the layer to reveal an electrode pattern; and
7 a baking step for baking the revealed electrode pattern to shape the metal electrode,
8 wherein, in the dry step, the layer is heated to form unevenly heated regions.

Please add the following newly drafted Claims 15-27:

1 15. (New) The manufacturing method for the metal electrode according to Claim 1, further
2 comprising:
3 a third print step for printing a third photosensitive substance that includes a
4 mixture of a third metal, a photosensitive resin, and a solvent to form a third layer; and
5 a third dry step for drying the third layer,
B9 6 wherein the third print step and the third dry step are provided between the first
7 dry step and the first exposure step.

1 16. (New) The electrode according to Claim 15 wherein the electrode is for use in a plasma
2 display device.

1 17. (New) A photosensitive metal film electrode that is formed on a substrate, wherein the
2 electrode has such a cross-sectional shape in which a film thickness is larger in a center portion
3 than in end portions.

1 18. (New) The electrode according to Claim 17, wherein the electrode has a cross-sectional
2 shape taken along a shorter side direction thereof in which the film thickness is largest in the
3 center portion and is decreased in a curvature with increasing proximity to the edge portions in
4 the shorter side direction.

1 19. (New) The electrode according to Claim 18, wherein the electrode has a dome shape in
2 which a center portion swells upward against the substrate.

13 4 1 20. (New) The electrode according to Claim 17, wherein the electrode is for use in a plasma
2 display device.

1 21. (New) A photosensitive metal film electrode that is structured by laminating a layer B on
2 at least a layer A formed on a substrate, wherein the layer B has such a cross-sectional shape in
3 which a film thickness is larger in a center portion than in end portions.

1 22. (New) The electrode according to Claim 21, wherein the layer A is structured by
2 laminating a layer D on a layer C, and has a cross-sectional shape having a concave portion at a
3 top, and the layer B has a cross-sectional shape having a swell portion which swells downward at
4 a bottom.

1 23. (New) The electrode according to Claim 22, wherein the concave portion of the layer A
2 has an arc-shaped curve.

1 24. (New) The electrode according to Claim 22, wherein the layer B has a flat portion at a
2 top.

1 25. (New) The electrode according to Claim 22, wherein the layer C is black, and the layers
2 D and B are white.

1 26. (New) The electrode according to Claim 21, wherein the electrode is formed on a
2 transparent electrode that is formed on the substrate.

1 27. (New) The electrode according to Claim 21, wherein the electrode is for use in a plasma
2 display device.
